

**RECEIVED
CENTRAL FAX CENTER**

DEC 15 2003

OFFICIAL

PATENT

Certificate of Facsimile

I hereby certify that this correspondence is being deposited via facsimile to The Honorable Commissioner in the United States Patent and Trademark Office, Attention: Tho Gia Phan whose telephone number is (703) 308-3051 and fax number is (703) 872-9306 on December 15, 2003.

 (2/15/03)
David H. Blinkman, Reg. No. 40,532 Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas et al.
Serial No.: 09/998,873
Filed: October 31, 2001
Confirmation No.: 7709
Group Art Unit: 2821
Examiner: Phan, Tho Gia
Title: **INTEGRATED ACTIVE ANTENNA FOR MULTI-CARRIER
APPLICATIONS**
Atty Docket: ANCO-25US

Cincinnati, Ohio 45202

December 15, 2003

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AFTER FINAL AMENDMENT

Sir:

In response to the Office Action mailed on September 15, 2003,
please amend the above-identified application as follows:

**Amendments to the Claims are reflected in the listing of claims which begins on
page 2 of this paper.**

Remarks/Arguments begin on page 8 of this paper.

JOHN D. POFFENBERGER
BRUCE TITTEL
DONALD F. FREI
DAVID J. JOSEPHIC
DAVID S. STALLARD
J. ROBERT CHAMBERS
GREGORY J. LUNN
KURT L. GROSSMAN
CLEMENT H. LUKEN, JR.
THOMAS J. BURGER
GREGORY F. AHRENS
WAYNE L. JACOBS
KURT A. SUMME
KEVIN G. ROONEY
KEITH R. HAUPT
THEODORE R. REMAKLUS
THOMAS W. HUMPHREY
SCOTT A. STINEBRUNER
DAVID H. BRINKMAN

WOOD, HERRON & EVANS, L.L.P.

2700 Carew Tower
441 Vine Street
Cincinnati, Ohio 45202-2917
Telephone: 513-241-2324
Facsimile: 513-421-7269
EMAIL: info@whepatent.com

PATENT, TRADEMARK, COPYRIGHT
AND UNFAIR COMPETITION LAW
AND RELATED LITIGATION

EDMUND P. WOOD 1923-1968
TRUMAN A. HERRON 1935-1976
EDWARD B. EVANS 1936-1971

JOSEPH R. JORDAN
C. RICHARD EBY
DAVID E. PRITCHARD

J. DWIGHT POFFENBERGER, JR.
BEVERLY A. LYMAN, Ph.D.
KATHRYN E. SMITH
KRISTI L. DAVIDSON
P. ANDREW BLATT, Ph.D.
DAVID E. JEFFERIES
WILLIAM R. ALLEN, Ph.D.
JOHN PAUL DAVIS
DOUGLAS A. SCHOLER
BRETT A. SCHATZ
DAVID W. DORTON
RONALD J. RICHTER, M.D.
G. PRABHAKAR REDDY, M.S.C.H.
SARAH OTTE GRABER

FACSIMILE COVER SHEET

OF COUNSEL
THOMAS W. FLYNN

If transmission is interrupted or of poor quality, please notify us immediately by calling 513 \ 241-2324.
Ask for sender's secretary.

TECHNICAL ADVISORS
HENRY M. LABODA, Ph.D.
LARRY D. MOORE, B.S.E.E.

TO: The Honorable Commissioner
Attention: Tho Gia Phan
Art Unit 2821

FROM: David H. Brinkman

Fax No.: (703) 872-9306 **Phone: (513) 241-2324**

Date: December 15, 2003 **Fax:** (513) 421-7269

Pages (including cover page): 16

Re: **U.S. Serial No. 09/998,873 INTEGRATED ACTIVE ANTENNA FOR MULTI-CARRIER APPLICATIONS**
Attorney Docket No. ANCO-25US

ATTACHMENTS/COMMENTS: OFFICIAL

Please deliver to Tho Gia Phan
Amendment Transmittal (3 pages)
Amendment (12 pages)

RECEIVED
CENTRAL FAX CENTER
DEC 15 2003

OFFICIAL

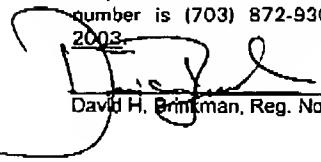
CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office fax number (703) 872-9306 on the date shown below.

December 15, 2003

Certificate of Facsimile

I hereby certify that this correspondence is being deposited via facsimile to The Honorable Commissioner in the United States Patent and Trademark Office, Attention: Tho Gia Phan whose telephone number is (703) 308-3051 and fax number is (703) 872-9306 on December 15, 2003.


12/15/03

David H. Brinkman, Reg. No. 40,532

Date

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas et al.
Serial No.: 09/998,873
Filed: October 31, 2001
Confirmation No.: 7709
Group Art Unit: 2821
Examiner: Phan, Tho Gia
Title: **INTEGRATED ACTIVE ANTENNA FOR MULTI-CARRIER APPLICATIONS**
Atty Docket: ANCO-25US

Cincinnati, Ohio 45202

December 15, 2003

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

AFTER FINAL AMENDMENT

1. Transmitted herewith is an amendment for this application.
2. Small Entity status is claimed.
 Other than a Small Entity.
3. The fee has been calculated as shown below:

Page 1 of 3

(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY		LARGE ENTITY	
Claims Remaining After Amendment		Highest No. Previously Paid For		Extra	Present Rate	Fee	Present Rate	Fee
TOTAL	21	MINUS	21	= 0	x \$9	\$0	x \$18	\$0
INDEP.	3	MINUS	3	= 0	x \$42	\$0	x \$84	\$0
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+\$135	\$0	+\$270	\$0
TOTALS					TOTAL FEE	\$0	TOTAL FEE	\$0

- ☆ If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- ☆☆ If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- ☆☆☆ If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid for" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

X No additional fee for claims is required.

4. Attached is a check in the sum of \$_____.

_____ Please charge my Deposit Account No. 23-3000 in the amount of \$_____.

A duplicate copy of this sheet is attached.

5. The proceedings herein are for a patent application and the provisions of 37 CFR 1.136 apply.

Complete (a) or (b) as applicable.

(a) _____ Applicant petitions for an extension of time under 37 CFR 1.136 for the total number of months checked below:

Extension <u>months</u>	Fee for other than <u>small entity</u>	Fee for <u>small entity</u>
one month	\$ 110.00	\$ 55.00
two months	\$ 410.00	\$205.00
three months	\$ 930.00	\$465.00
four months	\$1,450.00	\$725.00

— Attached is a check in the amount of \$____ for the three month extension fee as required by 37 C.F.R. § 1.17(c).

If an additional extension of time is required, please consider this a petition therefor.

(Check and complete the next item, if applicable)

— An extension for ____ months has already been secured and the fee paid thereof of \$____ is deducted from the total fee due for the total months of extension now requested. Extension fee due with this request \$____.

OR

(b) XX Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

XX If any additional fee for claims or extension of time is required, charge Account No. 23-3000. A duplicate of this transmittal is attached.

Respectfully submitted,

WOOD, HERRON & EVANS, L.L.P.



David H. Brinkman
Reg. No. 40,532

2700 Carew Tower
441 Vine Street
Cincinnati, OH 45202
(513) 241-2324 - Voice
(513) 421-7269 - Facsimile